



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

June 1995

## March 1995

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227).

Agricultural employment in California totaled 295,000 in March, an increase of 7,600 from the February 1995 level of 287,400. (Table 1-A.) All regions in the state exhibited higher levels of employment from the previous month except San Joaquin Valley and the North Coast. (Tables 2-A through 7-A.)

## Wage and Salary Workers in Agricultural Establishments

For March 1995  
(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	295.0	127.2	59.8	41.4	37.4	20.9	10.8
Total Crops	159.7	54.8	43.9	26.1	17.0	14.4	7.6
Total Livestock	24.8	12.9	2.0	1.1	5.0	1.7	1.9
Total Services	110.5	59.5	13.9	14.2	15.4	4.8	1.3

Source: Tables 1-A through 7-A.

## **CHANGES FROM ONE YEAR AGO**

California's agricultural employment decreased 8,300 from March 1994, a year-over decrease of 3%. (Table 1-A.)

Production workers in California earned an average of \$6.80 per hour in March 1995, a 12 cent increase from the previous March. (Table 1-E.)

## **REGIONAL CROP ACTIVITIES**

According to the California Farm Labor Report (881A), the major regional crop activities during March were:

- Desert: Grapefruit, Navel oranges, asparagus, lettuce, broccoli, carrots, and cauliflower, (harvest); alfalfa (cutting and baling).
- South Coast: Navel oranges, lemons, cabbage, broccoli, avocado, strawberry, and cauliflower (harvest).
- Central Coast: Cauliflower, lettuce, spinach, artichoke, asparagus, Broccoli, (harvests); horticulture and mushroom (propagation).
- San Joaquin Valley: Navel oranges, lemons, and vegetables(harvest); sugar beets (planting, cultivating and harvesting on continuous basis); orchards (thinning); orchards and vineyards (prune).
- Sacramento Valley: Orchards (prune).
- North Coast: Vineyards (prune).

## **AGRICULTURAL PRODUCTION WORKERS**

Statewide agricultural production worker employment was 268,400 in March 1995, an increase of 7,200 from the February 1995 level of 261,200. The year-over change from March 1994 was a decrease of 8,300. (Table 1-B.)

Average weekly earnings for California production workers in March were \$263.16. Regional averages ranged from a low of \$254.02 in the Desert Region to a high of \$281.18 in the Sacramento Valley Region. (Tables 1-C through 7-C.)

The average hourly workweek in California was 38.7 hours in March, one hour less than the February level of 39.7 hours. The region with the shortest workweek was the Central Coast with 36.9 hours. The longest workweek was in the Sacramento Valley Region at 40.4 hours. (Tables 1-D through 7-D.)

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## Average Hourly Earnings of Production Workers

For March 1995

(In Dollars per Hour)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.80	6.69	6.51	7.57	6.48	6.96	7.14
Total Crops	6.61	6.48	6.28	7.30	6.22	7.02	6.96
Total Livestock	7.43	7.46	7.66	7.95	7.51	6.33	7.19
Total Services	6.91	6.69	7.12	8.09	6.33	7.04	8.21

Source: Tables 1-E through 7-E.

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### **DATA SOURCES:**

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

### **DATA COMMENTS:**

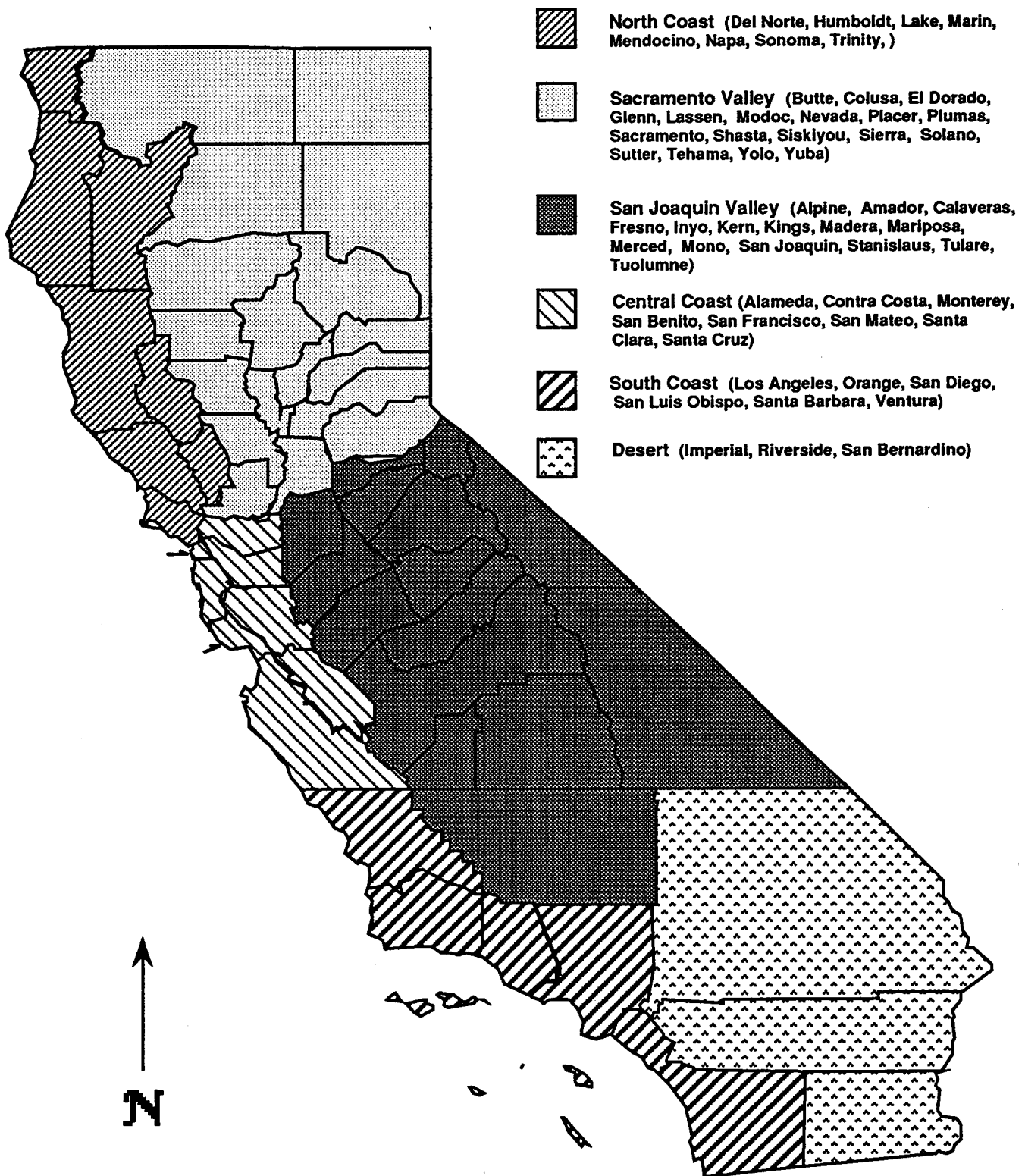
**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Current Economic Statistics Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2572..**

**CES-AG REPORTING REGIONS**  
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**EMPLOYMENT DEVELOPMENT DEPARTMENT**



# CALIFORNIA

## Wage and Salary Employment

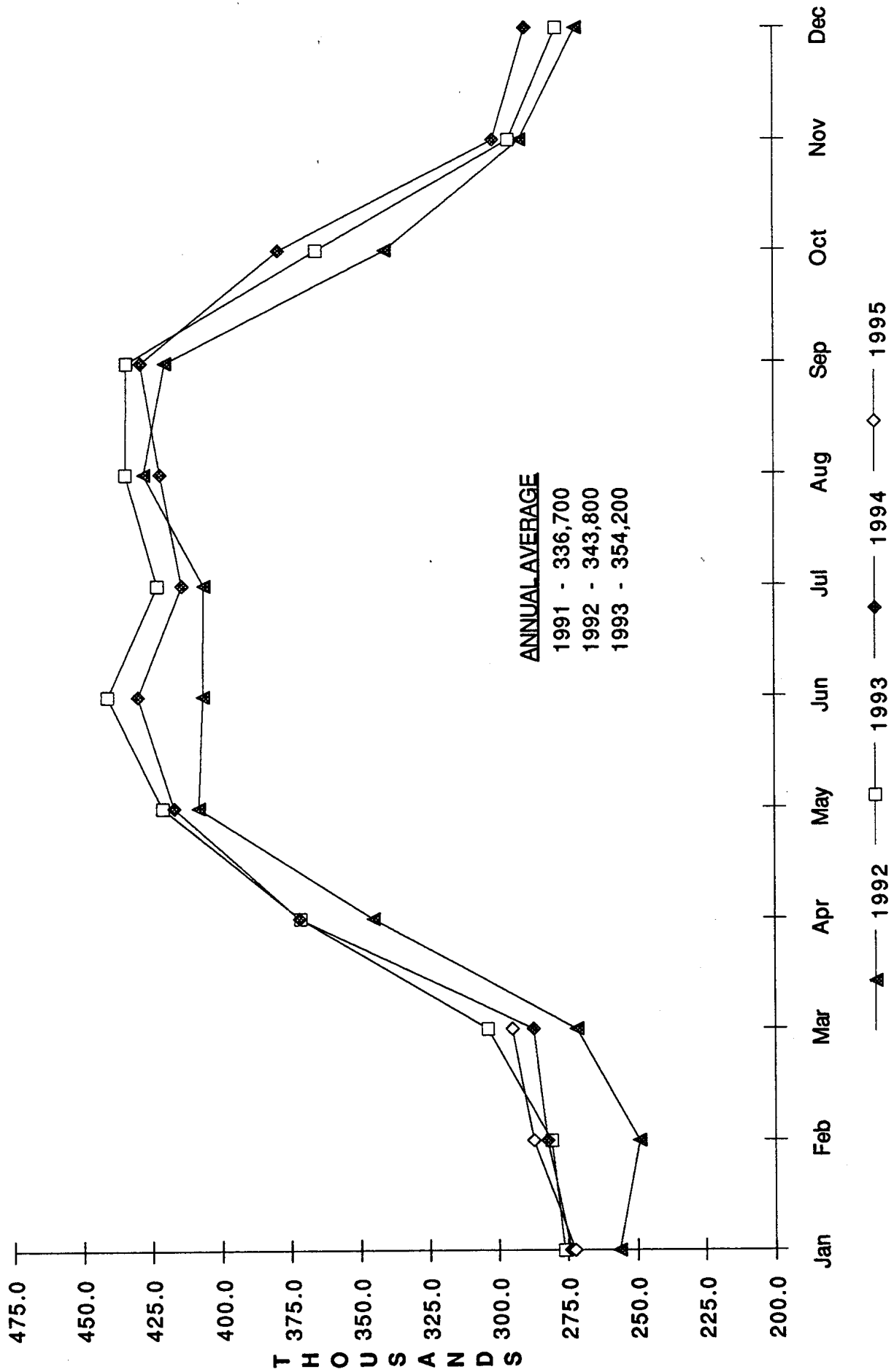


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	295.0	287.4	303.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	159.7	153.5	166.1
CASH GRAINS	2.5	2.1	2.0
RICE	1.3	1.1	1.1
OTHER CASH GRAINS	1.2	1.0	0.9
FIELD CROPS EXCEPT CASH GRAINS	11.1	10.0	10.8
COTTON	5.9	5.1	5.6
OTHER FIELD CROPS	5.2	4.9	5.2
VEGETABLES AND MELONS	25.5	22.3	27.1
TOTAL FRUITS AND TREE NUTS	66.9	67.1	72.3
BERRIES	18.5	14.8	16.6
GRAPES	20.1	22.4	26.1
TREE NUTS	6.2	6.4	6.1
CITRUS FRUITS	5.0	4.9	6.2
DECIDUOUS TREE FRUIT	9.7	10.5	8.8
OTHER FRUITS AND NUTS	7.4	8.1	8.5
TOTAL HORTICULTURAL SPECIALTIES	29.2	29.4	28.8
ORNAMENTAL FLORAL & NURSERY	26.0	26.2	25.5
FOOD CROPS GROWN UNDER COVER	3.2	3.2	3.3
GENERAL FARM PRIMARILY CROP	24.5	22.6	25.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	24.8	24.7	25.3
BEEF CATTLE FEED LOTS	0.7	0.7	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.4	3.4	3.4
DAIRY FARMS	12.6	12.5	13.4
CHICKEN EGGS	2.6	2.6	2.8
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.5	4.5	4.1
TOTAL AGRICULTURAL SERVICES	110.5	109.2	111.9
SOIL PREPARATION SERVICES	1.0	0.9	1.1
CROP SERVICES	38.1	36.8	37.8
PLANT CULTIVATE & PROTECTION	5.3	5.2	5.4
HARVEST PRIMARILY BY MACHINE	5.4	5.0	6.8
PREPARATION SVCS FOR MARKET	26.7	25.9	24.8
COTTON GINNING	0.7	0.7	0.8
TOTAL FARM LABOR & MANAGEMENT	71.4	71.5	73.0
FARM LABOR CONTRACTORS	63.2	62.9	64.7
FARM MANAGEMENT SERVICES	8.2	8.6	8.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	268.4	261.2	276.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	142.4	136.5	148.9
CASH GRAINS	1.9	1.7	1.7
RICE	1.0	0.9	0.9
OTHER CASH GRAINS	0.9	0.8	0.8
FIELD CROPS EXCEPT CASH GRAINS	9.8	8.7	9.4
COTTON	5.2	4.4	4.9
OTHER FIELD CROPS	4.6	4.3	4.5
VEGETABLES AND MELONS	22.9	19.7	24.4
TOTAL FRUITS AND TREE NUTS	61.9	62.0	66.9
BERRIES	18.1	14.4	16.1
GRAPES	18.2	20.2	23.7
TREE NUTS	5.4	5.8	5.3
CITRUS FRUITS	4.5	4.3	5.8
DECIDUOUS TREE FRUIT	8.8	9.6	8.1
OTHER FRUITS AND NUTS	6.9	7.7	7.9
TOTAL HORTICULTURAL SPECIALTIES	23.6	24.0	23.1
ORNAMENTAL FLORAL & NURSERY	20.7	21.1	20.2
FOOD CROPS GROWN UNDER COVER	2.9	2.9	2.9
GENERAL FARM PRIMARILY CROP	22.3	20.4	23.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.3	22.0	22.4
BEEF CATTLE FEED LOTS	0.5	0.5	0.5
BEEF CATTLE EXCEPT FEED LOTS	2.9	2.8	2.8
DAIRY FARMS	12.0	11.8	12.6
CHICKEN EGGS	2.0	2.0	2.2
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	4.1	4.1	3.5
TOTAL AGRICULTURAL SERVICES	103.7	102.7	105.4
SOIL PREPARATION SERVICES	0.7	0.6	0.8
CROP SERVICES	33.7	32.6	33.7
PLANT CULTIVATE & PROTECTION	4.4	4.4	4.8
HARVEST PRIMARILY BY MACHINE	5.1	4.7	6.4
PREPARATION SVCS FOR MARKET	23.7	23.0	22.0
COTTON GINNING	0.5	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	69.3	69.5	70.9
FARM LABOR CONTRACTORS	61.7	61.4	63.2
FARM MANAGEMENT SERVICES	7.6	8.1	7.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	263.16	270.36	265.20
TOTAL AGRICULTURAL PRODUCTION/CROPS	259.77	272.65	260.74
CASH GRAINS	317.87	325.03	317.29
RICE	337.68	364.85	327.47
OTHER CASH GRAINS	295.57	281.01	305.66
FIELD CROPS EXCEPT CASH GRAINS	310.98	317.76	300.83
COTTON	309.83	326.10	292.38
OTHER FIELD CROPS	311.43	308.83	309.40
VEGETABLES AND MELONS	288.15	302.09	297.46
TOTAL FRUITS AND TREE NUTS	221.86	242.89	229.03
BERRIES	169.81	171.50	168.75
GRAPES	241.20	282.56	255.74
TREE NUTS	235.46	251.68	248.47
CITRUS FRUITS	268.64	263.44	260.25
DECIDUOUS TREE FRUIT	227.35	234.59	228.25
OTHER FRUITS AND NUTS	256.49	265.63	234.52
TOTAL HORTICULTURAL SPECIALTIES	291.48	298.47	307.29
ORNAMENTAL FLORAL & NURSERY	282.57	291.64	298.37
FOOD CROPS GROWN UNDER COVER	355.49	348.08	368.93
GENERAL FARM PRIMARILY CROP	275.85	282.04	250.69
TOTAL AGRIC PRODUCTION/LIVESTOCK	351.44	356.59	348.00
BEEF CATTLE FEED LOTS	346.03	349.32	353.08
BEEF CATTLE EXCEPT FEED LOTS	341.04	345.02	325.16
DAIRY FARMS	367.73	375.73	360.21
CHICKEN EGGS	313.45	314.82	312.73
TURKEYS & TURKEY EGGS	375.98	382.46	378.59
OTHER LIVESTOCK	327.80	325.52	340.44
TOTAL AGRICULTURAL SERVICES	249.45	248.37	254.32
SOIL PREPARATION SERVICES	490.50	509.22	538.43
CROP SERVICES	300.53	289.15	301.47
PLANT CULTIVATE & PROTECTION	334.85	342.21	310.34
HARVEST PRIMARILY BY MACHINE	247.11	254.02	263.24
PREPARATION SVCS FOR MARKET	304.30	284.90	309.64
COTTON GINNING	392.40	347.45	344.93
TOTAL FARM LABOR & MANAGEMENT	222.64	226.85	228.23
FARM LABOR CONTRACTORS	214.43	216.92	221.34
FARM MANAGEMENT SERVICES	283.51	302.43	290.28

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	38.7	39.7	39.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.3	41.0	40.3
CASH GRAINS	40.7	41.3	41.1
RICE	42.0	43.8	42.2
OTHER CASH GRAINS	39.2	38.6	39.8
FIELD CROPS EXCEPT CASH GRAINS	45.2	45.2	44.9
COTTON	45.9	45.8	44.3
OTHER FIELD CROPS	44.3	44.5	45.5
VEGETABLES AND MELONS	39.8	41.1	42.8
TOTAL FRUITS AND TREE NUTS	35.9	38.8	37.0
BERRIES	32.1	31.7	31.9
GRAPES	36.0	42.3	38.0
TREE NUTS	38.6	41.6	40.8
CITRUS FRUITS	36.5	34.8	34.7
DECIDUOUS TREE FRUIT	38.6	40.1	41.5
OTHER FRUITS AND NUTS	39.4	41.7	38.7
TOTAL HORTICULTURAL SPECIALTIES	42.0	42.7	44.6
ORNAMENTAL FLORAL & NURSERY	41.8	42.7	44.8
FOOD CROPS GROWN UNDER COVER	43.3	42.5	43.2
GENERAL FARM PRIMARILY CROP	42.9	44.0	41.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.3	47.8	46.9
BEEF CATTLE FEED LOTS	48.6	49.2	49.8
BEEF CATTLE EXCEPT FEED LOTS	42.0	42.7	40.9
DAIRY FARMS	48.9	49.7	47.9
CHICKEN EGGS	46.3	47.2	47.6
TURKEYS & TURKEY EGGS	50.4	51.2	51.3
OTHER LIVESTOCK	46.3	45.4	46.7
TOTAL AGRICULTURAL SERVICES	36.1	36.1	37.4
SOIL PREPARATION SERVICES	53.2	54.0	53.1
CROP SERVICES	39.7	38.4	39.0
PLANT CULTIVATE & PROTECTION	41.7	43.1	41.6
HARVEST PRIMARILY BY MACHINE	32.6	33.6	34.5
PREPARATION SVCS FOR MARKET	40.9	38.5	39.8
COTTON GINNING	40.0	37.2	38.8
TOTAL FARM LABOR & MANAGEMENT	34.2	34.9	36.4
FARM LABOR CONTRACTORS	33.4	34.0	35.7
FARM MANAGEMENT SERVICES	40.1	41.6	42.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	6.80	6.81	6.68
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.61	6.65	6.47
CASH GRAINS	7.81	7.87	7.72
RICE	8.04	8.33	7.76
OTHER CASH GRAINS	7.54	7.28	7.68
FIELD CROPS EXCEPT CASH GRAINS	6.88	7.03	6.70
COTTON	6.75	7.12	6.60
OTHER FIELD CROPS	7.03	6.94	6.80
VEGETABLES AND MELONS	7.24	7.35	6.95
TOTAL FRUITS AND TREE NUTS	6.18	6.26	6.19
BERRIES	5.29	5.41	5.29
GRAPES	6.70	6.68	6.73
TREE NUTS	6.10	6.05	6.09
CITRUS FRUITS	7.36	7.57	7.50
DECIDUOUS TREE FRUIT	5.89	5.85	5.50
OTHER FRUITS AND NUTS	6.51	6.37	6.06
TOTAL HORTICULTURAL SPECIALTIES	6.94	6.99	6.89
ORNAMENTAL FLORAL & NURSERY	6.76	6.83	6.66
FOOD CROPS GROWN UNDER COVER	8.21	8.19	8.54
GENERAL FARM PRIMARILY CROP	6.43	6.41	6.07
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.43	7.46	7.42
BEEF CATTLE FEED LOTS	7.12	7.10	7.09
BEEF CATTLE EXCEPT FEED LOTS	8.12	8.08	7.95
DAIRY FARMS	7.52	7.56	7.52
CHICKEN EGGS	6.77	6.67	6.57
TURKEYS & TURKEY EGGS	7.46	7.47	7.38
OTHER LIVESTOCK	7.08	7.17	7.29
TOTAL AGRICULTURAL SERVICES	6.91	6.88	6.80
SOIL PREPARATION SERVICES	9.22	9.43	10.14
CROP SERVICES	7.57	7.53	7.73
PLANT CULTIVATE & PROTECTION	8.03	7.94	7.46
HARVEST PRIMARILY BY MACHINE	7.58	7.56	7.63
PREPARATION SVCS FOR MARKET	7.44	7.40	7.78
COTTON GINNING	9.81	9.34	8.89
TOTAL FARM LABOR & MANAGEMENT	6.51	6.50	6.27
FARM LABOR CONTRACTORS	6.42	6.38	6.20
FARM MANAGEMENT SERVICES	7.07	7.27	6.83

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SAN JOAQUIN Wage and Salary Employer

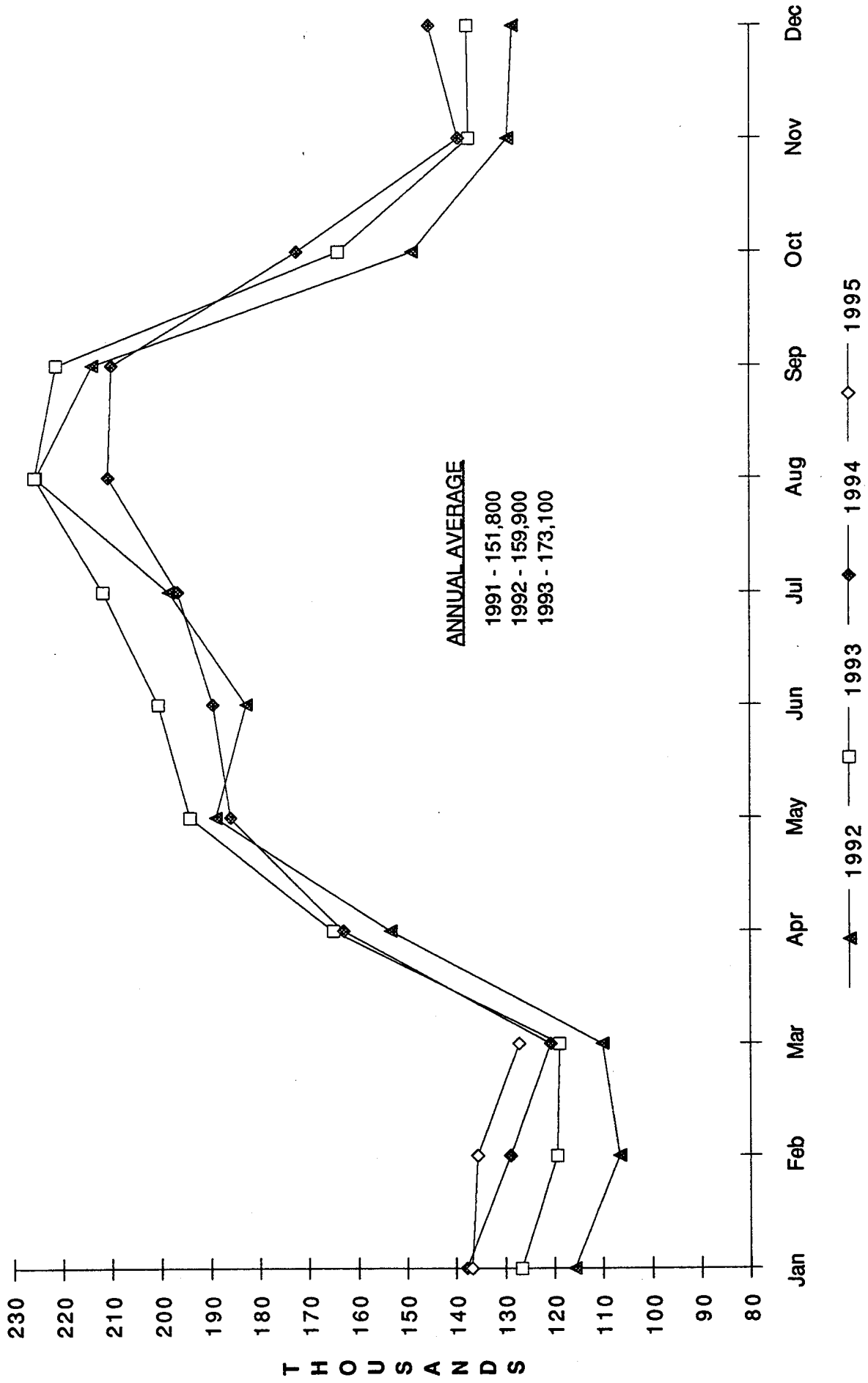


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	127.2	135.6	123.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	54.8	58.7	58.5
TOTAL FIELD CROPS	8.6	8.4	8.7
COTTON	5.4	5.2	5.4
OTHER FIELD CROPS	3.2	3.2	3.3
VEGETABLES AND MELONS	4.4	3.3	6.5
TOTAL FRUITS AND TREE NUTS	25.8	31.5	28.0
GRAPES	10.3	14.8	12.4
TREE NUTS	3.8	3.9	3.7
CITRUS FRUITS	2.5	2.3	3.1
DECIDUOUS TREE FRUIT	5.1	5.5	4.2
OTHER FRUITS AND NUTS	4.1	5.0	4.6
HORTICULTURAL SPECIALTIES	3.1	3.1	2.7
GENERAL FARM PRIMARILY CROP	12.9	12.4	12.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.9	12.8	13.2
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.3	1.2
DAIRY FARMS	8.1	8.0	8.7
POULTRY & EGGS	2.0	2.1	1.9
OTHER LIVESTOCK	1.3	1.2	1.2
TOTAL AGRICULTURAL SERVICES	59.5	64.1	51.8
CROP SERVICES	19.9	19.9	17.1
PLANT CULTIVATE & PROTECTION	3.7	3.7	3.3
HARVEST PRIMARILY BY MACHINE	2.2	1.9	2.0
PREPARATION SVCS FOR MARKET	13.4	13.6	11.1
COTTON GINNING	0.6	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	39.6	44.2	34.7
FARM LABOR CONTRACTORS	35.1	39.5	30.4
FARM MANAGEMENT SERVICES	4.5	4.7	4.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	117.1	125.5	113.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	49.5	53.3	53.0
TOTAL FIELD CROPS	7.6	7.3	7.6
COTTON	4.8	4.6	4.7
OTHER FIELD CROPS	2.8	2.7	2.9
VEGETABLES AND MELONS	4.0	2.9	6.0
TOTAL FRUITS AND TREE NUTS	23.8	29.5	26.0
GRAPES	9.5	13.9	11.5
TREE NUTS	3.4	3.6	3.2
CITRUS FRUITS	2.3	2.1	3.0
DECIDUOUS TREE FRUIT	4.7	5.1	3.9
OTHER FRUITS AND NUTS	3.9	4.8	4.4
HORTICULTURAL SPECIALTIES	2.3	2.3	1.8
GENERAL FARM PRIMARILY CROP	11.8	11.3	11.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	11.8	11.9	12.1
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.1	1.0
DAIRY FARMS	7.6	7.6	8.2
POULTRY & EGGS	1.8	1.9	1.7
OTHER LIVESTOCK	1.1	1.1	1.0
TOTAL AGRICULTURAL SERVICES	55.8	60.3	48.3
CROP SERVICES	17.2	17.2	14.6
PLANT CULTIVATE & PROTECTION	3.1	3.1	2.8
HARVEST PRIMARILY BY MACHINE	1.9	1.6	1.7
PREPARATION SVCS FOR MARKET	11.8	12.0	9.6
COTTON GINNING	0.4	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	38.6	43.1	33.7
FARM LABOR CONTRACTORS	34.3	38.7	29.7
FARM MANAGEMENT SERVICES	4.3	4.4	4.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	268.94	269.94	269.58
TOTAL AGRICULTURAL PRODUCTION/CROPS	267.62	273.28	271.35
TOTAL FIELD CROPS	308.26	312.59	301.73
COTTON	297.17	305.10	292.82
OTHER FIELD CROPS	326.60	324.80	316.44
VEGETABLES AND MELONS	284.69	298.32	279.36
TOTAL FRUITS AND TREE NUTS	244.35	254.75	261.58
GRAPES	256.11	266.20	283.84
TREE NUTS	219.24	237.94	242.40
CITRUS FRUITS	257.75	256.98	280.86
DECIDUOUS TREE FRUIT	227.76	231.24	228.97
OTHER FRUITS AND NUTS	249.74	258.74	233.40
HORTICULTURAL SPECIALTIES	265.39	275.49	304.58
GENERAL FARM PRIMARILY CROP	284.58	290.30	264.69
TOTAL AGRIC PRODUCTION/LIVESTOCK	354.35	357.68	353.13
BEEF CATTLE FEED LOTS	323.90	322.00	326.16
BEEF CATTLE EXCEPT FEED LOTS	348.30	345.77	316.35
DAIRY FARMS	367.08	375.34	363.56
POULTRY & EGGS	344.63	335.80	339.09
OTHER LIVESTOCK	291.65	288.58	329.44
TOTAL AGRICULTURAL SERVICES	252.21	249.83	246.34
CROP SERVICES	312.91	289.41	314.16
PLANT CULTIVATE & PROTECTION	352.80	348.67	352.80
HARVEST PRIMARILY BY MACHINE	281.36	289.49	311.10
PREPARATION SVCS FOR MARKET	304.86	272.74	300.00
COTTON GINNING	383.40	323.88	384.94
TOTAL FARM LABOR & MANAGEMENT	225.36	233.87	216.83
FARM LABOR CONTRACTORS	217.70	227.30	205.57
FARM MANAGEMENT SERVICES	284.26	296.14	299.38

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	40.2	40.9	40.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.3	42.5	42.2
TOTAL FIELD CROPS	45.6	45.7	44.7
COTTON	45.3	45.2	44.3
OTHER FIELD CROPS	46.0	46.6	45.4
VEGETABLES AND MELONS	41.5	42.8	42.2
TOTAL FRUITS AND TREE NUTS	38.3	40.5	41.0
GRAPES	39.1	41.4	43.6
TREE NUTS	36.0	39.2	40.4
CITRUS FRUITS	36.1	35.3	36.1
DECIDUOUS TREE FRUIT	39.0	39.8	40.1
OTHER FRUITS AND NUTS	38.9	41.8	38.9
HORTICULTURAL SPECIALTIES	38.8	40.1	44.4
GENERAL FARM PRIMARILY CROP	45.1	46.3	42.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.5	47.5	47.4
BEEF CATTLE FEED LOTS	44.8	46.0	45.3
BEEF CATTLE EXCEPT FEED LOTS	40.5	40.3	37.0
DAIRY FARMS	48.3	49.0	47.9
POULTRY & EGGS	48.2	46.0	45.7
OTHER LIVESTOCK	47.5	47.0	56.8
TOTAL AGRICULTURAL SERVICES	37.7	38.2	37.1
CROP SERVICES	41.5	39.7	41.5
PLANT CULTIVATE & PROTECTION	44.1	45.4	44.1
HARVEST PRIMARILY BY MACHINE	31.9	32.6	35.8
PREPARATION SVCS FOR MARKET	42.4	39.3	41.9
COTTON GINNING	40.4	37.1	39.2
TOTAL FARM LABOR & MANAGEMENT	36.0	37.6	35.2
FARM LABOR CONTRACTORS	35.0	36.9	33.7
FARM MANAGEMENT SERVICES	43.8	44.2	46.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	6.69	6.60	6.64
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.48	6.43	6.43
TOTAL FIELD CROPS	6.76	6.84	6.75
COTTON	6.56	6.75	6.61
OTHER FIELD CROPS	7.10	6.97	6.97
VEGETABLES AND MELONS	6.86	6.97	6.62
TOTAL FRUITS AND TREE NUTS	6.38	6.29	6.38
GRAPES	6.55	6.43	6.51
TREE NUTS	6.09	6.07	6.00
CITRUS FRUITS	7.14	7.28	7.78
DECIDUOUS TREE FRUIT	5.84	5.81	5.71
OTHER FRUITS AND NUTS	6.42	6.19	6.00
HORTICULTURAL SPECIALTIES	6.84	6.87	6.86
GENERAL FARM PRIMARILY CROP	6.31	6.27	6.17
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.46	7.53	7.45
BEEF CATTLE FEED LOTS	7.23	7.00	7.20
BEEF CATTLE EXCEPT FEED LOTS	8.60	8.58	8.55
DAIRY FARMS	7.60	7.66	7.59
POULTRY & EGGS	7.15	7.30	7.42
OTHER LIVESTOCK	6.14	6.14	5.80
TOTAL AGRICULTURAL SERVICES	6.69	6.54	6.64
CROP SERVICES	7.54	7.29	7.57
PLANT CULTIVATE & PROTECTION	8.00	7.68	8.00
HARVEST PRIMARILY BY MACHINE	8.82	8.88	8.69
PREPARATION SVCS FOR MARKET	7.19	6.94	7.16
COTTON GINNING	9.49	8.73	9.82
TOTAL FARM LABOR & MANAGEMENT	6.26	6.22	6.16
FARM LABOR CONTRACTORS	6.22	6.16	6.10
FARM MANAGEMENT SERVICES	6.49	6.70	6.48

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# SOUTH COAST

## Wage and Salary Employment

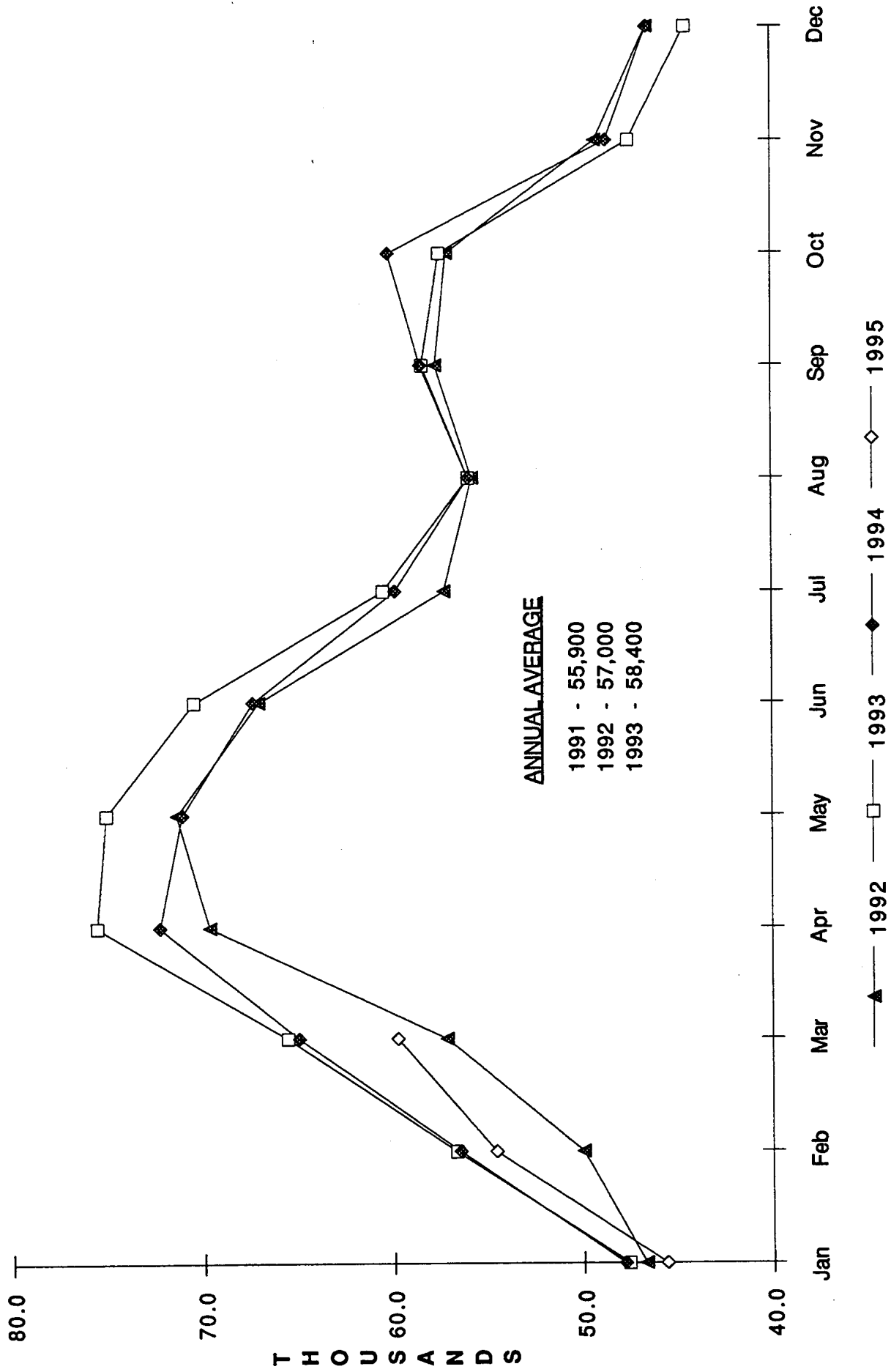


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	59.8	54.6	64.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.9	39.5	45.7
VEGETABLES AND MELONS	8.7	8.1	9.4
TOTAL FRUITS AND TREE NUTS	15.9	12.3	17.9
BERRIES	11.4	7.8	13.1
CITRUS FRUITS	1.9	1.9	2.0
OTHER FRUITS AND NUTS	2.6	2.6	2.8
TOTAL HORTICULTURAL SPECIALTIES	14.9	14.5	14.8
ORNAMENTAL FLORAL & NURSERY	14.1	13.8	14.1
FOOD CROPS GROWN UNDER COVER	0.8	0.7	0.7
GENERAL FARM PRIMARILY CROP	4.4	4.6	3.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.2
TOTAL AGRICULTURAL SERVICES	13.9	13.1	16.5
CROP SERVICES	4.3	4.0	5.0
HARVEST PRIMARILY BY MACHINE	1.9	1.7	2.3
PREPARATION SVCS FOR MARKET	2.4	2.3	2.7
TOTAL FARM LABOR & MANAGEMENT	9.6	9.1	11.5
FARM LABOR CONTRACTORS	7.9	7.4	10.0
FARM MANAGEMENT SERVICES	1.7	1.7	1.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	53.9	48.8	58.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.2	35.0	41.0
VEGETABLES AND MELONS	8.0	7.4	8.5
TOTAL FRUITS AND TREE NUTS	15.1	11.6	17.1
BERRIES	11.2	7.7	12.8
CITRUS FRUITS	1.5	1.5	1.7
OTHER FRUITS AND NUTS	2.4	2.4	2.6
TOTAL HORTICULTURAL SPECIALTIES	12.1	11.8	12.1
ORNAMENTAL FLORAL & NURSERY	11.4	11.1	11.5
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	4.0	4.2	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.9
TOTAL AGRICULTURAL SERVICES	13.0	12.1	15.7
CROP SERVICES	4.0	3.7	4.7
HARVEST PRIMARILY BY MACHINE	1.8	1.5	2.1
PREPARATION SVCS FOR MARKET	2.2	2.2	2.6
TOTAL FARM LABOR & MANAGEMENT	9.0	8.4	11.0
FARM LABOR CONTRACTORS	7.5	7.0	9.7
FARM MANAGEMENT SERVICES	1.5	1.4	1.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	261.05	269.58	248.90
TOTAL AGRICULTURAL PRODUCTION/CROPS	258.74	271.70	242.79
VEGETABLES AND MELONS	295.32	304.72	288.35
TOTAL FRUITS AND TREE NUTS	198.69	210.18	177.13
BERRIES	174.93	177.67	151.20
CITRUS FRUITS	287.28	287.04	274.17
OTHER FRUITS AND NUTS	252.68	266.56	241.25
TOTAL HORTICULTURAL SPECIALTIES	300.02	301.22	298.73
ORNAMENTAL FLORAL & NURSERY	295.28	294.12	291.66
FOOD CROPS GROWN UNDER COVER	380.63	421.36	430.01
GENERAL FARM PRIMARILY CROP	283.90	301.75	269.20
TOTAL AGRIC PRODUCTION/LIVESTOCK	341.64	343.49	344.13
TOTAL AGRICULTURAL SERVICES	259.17	253.27	253.12
CROP SERVICES	309.50	302.94	272.48
HARVEST PRIMARILY BY MACHINE	297.35	284.63	281.25
PREPARATION SVCS FOR MARKET	319.87	314.61	265.31
TOTAL FARM LABOR & MANAGEMENT	237.00	231.57	244.28
FARM LABOR CONTRACTORS	226.24	218.79	245.70
FARM MANAGEMENT SERVICES	287.47	291.09	234.78

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	40.1	40.6	38.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.2	41.8	38.6
VEGETABLES AND MELONS	42.8	43.1	40.9
TOTAL FRUITS AND TREE NUTS	35.8	36.3	32.5
BERRIES	34.3	34.3	30.3
CITRUS FRUITS	39.9	39.0	39.0
OTHER FRUITS AND NUTS	40.3	41.2	39.1
TOTAL HORTICULTURAL SPECIALTIES	46.3	46.2	45.4
ORNAMENTAL FLORAL & NURSERY	46.5	46.1	45.5
FOOD CROPS GROWN UNDER COVER	43.5	48.1	43.7
GENERAL FARM PRIMARILY CROP	42.5	42.5	40.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.6	44.9	45.4
TOTAL AGRICULTURAL SERVICES	36.4	36.6	35.5
CROP SERVICES	40.3	39.6	35.9
HARVEST PRIMARILY BY MACHINE	39.7	37.8	37.6
PREPARATION SVCS FOR MARKET	40.8	40.7	34.5
TOTAL FARM LABOR & MANAGEMENT	34.7	35.3	35.3
FARM LABOR CONTRACTORS	32.6	33.2	35.1
FARM MANAGEMENT SERVICES	44.5	45.2	36.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	6.51	6.64	6.55
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.28	6.50	6.29
VEGETABLES AND MELONS	6.90	7.07	7.05
TOTAL FRUITS AND TREE NUTS	5.55	5.79	5.45
BERRIES	5.10	5.18	4.99
CITRUS FRUITS	7.20	7.36	7.03
OTHER FRUITS AND NUTS	6.27	6.47	6.17
TOTAL HORTICULTURAL SPECIALTIES	6.48	6.52	6.58
ORNAMENTAL FLORAL & NURSERY	6.35	6.38	6.41
FOOD CROPS GROWN UNDER COVER	8.75	8.76	9.84
GENERAL FARM PRIMARILY CROP	6.68	7.10	6.68
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.66	7.65	7.58
TOTAL AGRICULTURAL SERVICES	7.12	6.92	7.13
CROP SERVICES	7.68	7.65	7.59
HARVEST PRIMARILY BY MACHINE	7.49	7.53	7.48
PREPARATION SVCS FOR MARKET	7.84	7.73	7.69
TOTAL FARM LABOR & MANAGEMENT	6.83	6.56	6.92
FARM LABOR CONTRACTORS	6.94	6.59	7.00
FARM MANAGEMENT SERVICES	6.46	6.44	6.38

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# CENTRAL COAST

## Wage and Salary Employment

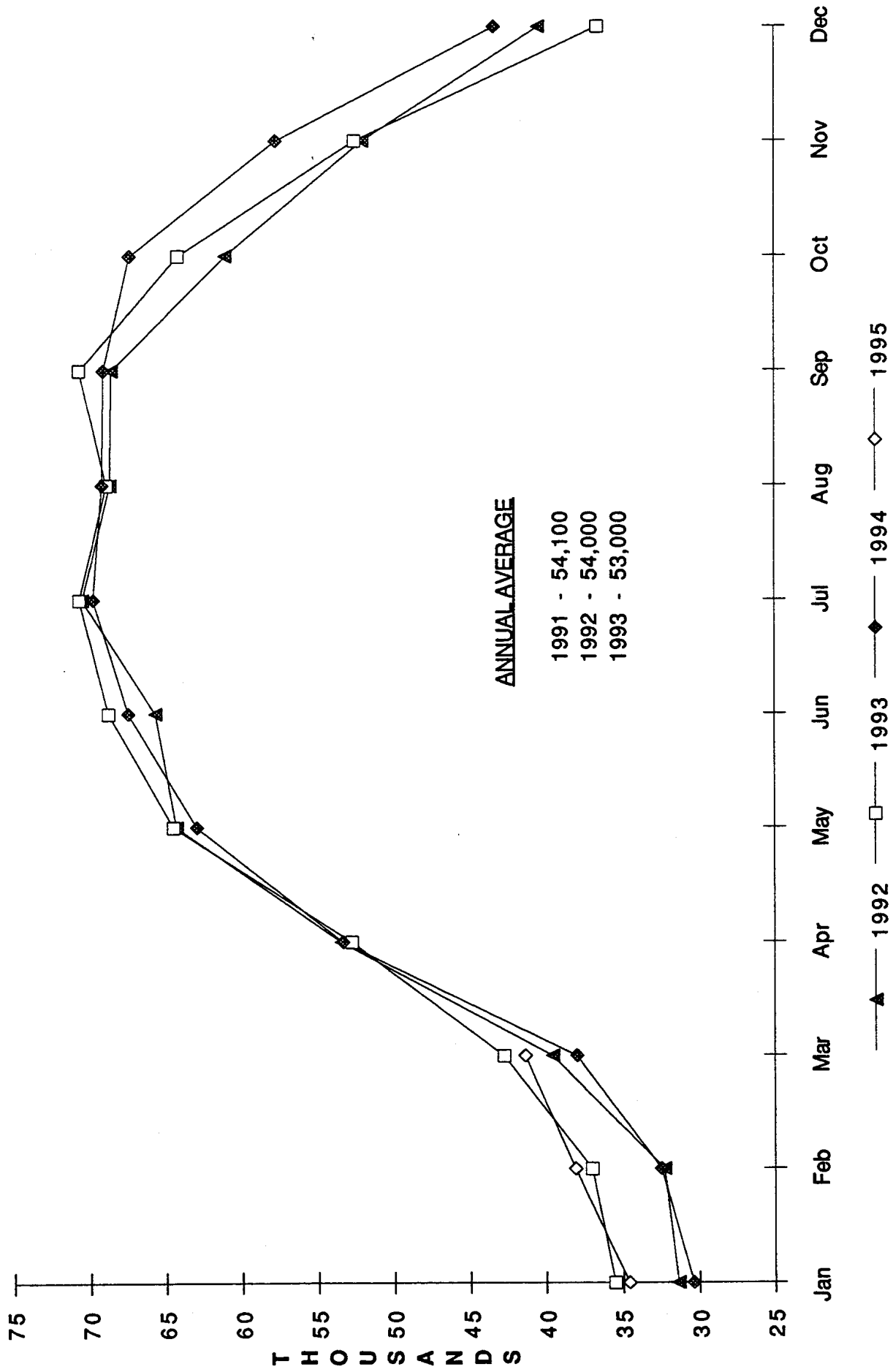


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	41.4	38.1	41.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	26.1	24.9	24.4
VEGETABLES AND MELONS	8.2	6.7	9.2
TOTAL FRUITS AND TREE NUTS	6.9	6.9	5.1
BERRIES	4.7	4.6	2.8
DECIDUOUS TREE FRUIT	0.9	1.0	0.8
OTHER FRUITS AND NUTS	1.3	1.3	1.5
TOTAL HORTICULTURAL SPECIALTIES	9.2	9.4	8.9
ORNAMENTAL FLORAL & NURSERY	7.1	7.3	6.8
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	1.8	1.9	1.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.0
TOTAL AGRICULTURAL SERVICES	14.2	12.1	15.6
CROP SERVICES	6.4	6.1	9.2
HARVEST PRIMARILY BY MACHINE	1.4	1.3	2.7
PREPARATION SVCS FOR MARKET	5.0	4.8	6.5
TOTAL FARM LABOR & MANAGEMENT	7.8	6.0	6.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	37.3	34.2	36.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.9	21.7	21.3
VEGETABLES AND MELONS	7.4	5.9	8.2
TOTAL FRUITS AND TREE NUTS	6.6	6.6	4.6
BERRIES	4.6	4.5	2.6
DECIDUOUS TREE FRUIT	0.8	0.9	0.6
OTHER FRUITS AND NUTS	1.2	1.2	1.4
TOTAL HORTICULTURAL SPECIALTIES	7.5	7.7	7.4
ORNAMENTAL FLORAL & NURSERY	5.7	5.8	5.5
FOOD CROPS GROWN UNDER COVER	1.8	1.9	1.9
GENERAL FARM PRIMARILY CROP	1.4	1.5	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.7
TOTAL AGRICULTURAL SERVICES	13.6	11.7	14.7
CROP SERVICES	5.9	5.7	8.4
HARVEST PRIMARILY BY MACHINE	1.3	1.3	2.5
PREPARATION SVCS FOR MARKET	4.6	4.4	5.9
TOTAL FARM LABOR & MANAGEMENT	7.7	6.0	6.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	279.33	287.63	305.88
TOTAL AGRICULTURAL PRODUCTION/CROPS	283.24	291.69	309.46
VEGETABLES AND MELONS	280.99	287.98	329.73
TOTAL FRUITS AND TREE NUTS	265.95	272.70	283.40
BERRIES	273.06	276.91	253.75
DECIDUOUS TREE FRUIT	207.34	210.54	248.41
OTHER FRUITS AND NUTS	277.02	300.76	357.46
TOTAL HORTICULTURAL SPECIALTIES	311.22	321.33	313.92
ORNAMENTAL FLORAL & NURSERY	294.77	307.38	305.37
FOOD CROPS GROWN UNDER COVER	360.93	366.24	340.89
GENERAL FARM PRIMARILY CROP	222.77	230.61	234.36
TOTAL AGRIC PRODUCTION/LIVESTOCK	324.36	338.95	335.60
TOTAL AGRICULTURAL SERVICES	270.21	278.39	298.44
CROP SERVICES	323.57	327.50	348.30
HARVEST PRIMARILY BY MACHINE	258.00	286.14	335.71
PREPARATION SVCS FOR MARKET	342.30	339.57	354.90
TOTAL FARM LABOR & MANAGEMENT	229.66	232.19	231.46

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	36.9	38.3	40.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.8	40.4	43.1
VEGETABLES AND MELONS	35.3	37.4	44.2
TOTAL FRUITS AND TREE NUTS	39.4	40.4	41.8
BERRIES	42.4	43.2	43.6
DECIDUOUS TREE FRUIT	31.8	33.0	38.1
OTHER FRUITS AND NUTS	32.9	35.3	40.3
TOTAL HORTICULTURAL SPECIALTIES	42.4	43.6	43.6
ORNAMENTAL FLORAL & NURSERY	41.4	43.6	43.5
FOOD CROPS GROWN UNDER COVER	45.4	43.6	44.1
GENERAL FARM PRIMARILY CROP	34.7	35.1	37.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	40.8	43.4	44.1
TOTAL AGRICULTURAL SERVICES	33.4	34.2	36.0
CROP SERVICES	37.8	37.6	37.9
HARVEST PRIMARILY BY MACHINE	32.7	34.6	41.6
PREPARATION SVCS FOR MARKET	39.3	38.5	36.4
TOTAL FARM LABOR & MANAGEMENT	30.1	31.0	33.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	7.57	7.51	7.59
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.30	7.22	7.18
VEGETABLES AND MELONS	7.96	7.70	7.46
TOTAL FRUITS AND TREE NUTS	6.75	6.75	6.78
BERRIES	6.44	6.41	5.82
DECIDUOUS TREE FRUIT	6.52	6.38	6.52
OTHER FRUITS AND NUTS	8.42	8.52	8.87
TOTAL HORTICULTURAL SPECIALTIES	7.34	7.37	7.20
ORNAMENTAL FLORAL & NURSERY	7.12	7.05	7.02
FOOD CROPS GROWN UNDER COVER	7.95	8.40	7.73
GENERAL FARM PRIMARILY CROP	6.42	6.57	6.30
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.95	7.81	7.61
TOTAL AGRICULTURAL SERVICES	8.09	8.14	8.29
CROP SERVICES	8.56	8.71	9.19
HARVEST PRIMARILY BY MACHINE	7.89	8.27	8.07
PREPARATION SVCS FOR MARKET	8.71	8.82	9.75
TOTAL FARM LABOR & MANAGEMENT	7.63	7.49	6.93

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# DESERT

## Wage and Salary Employment

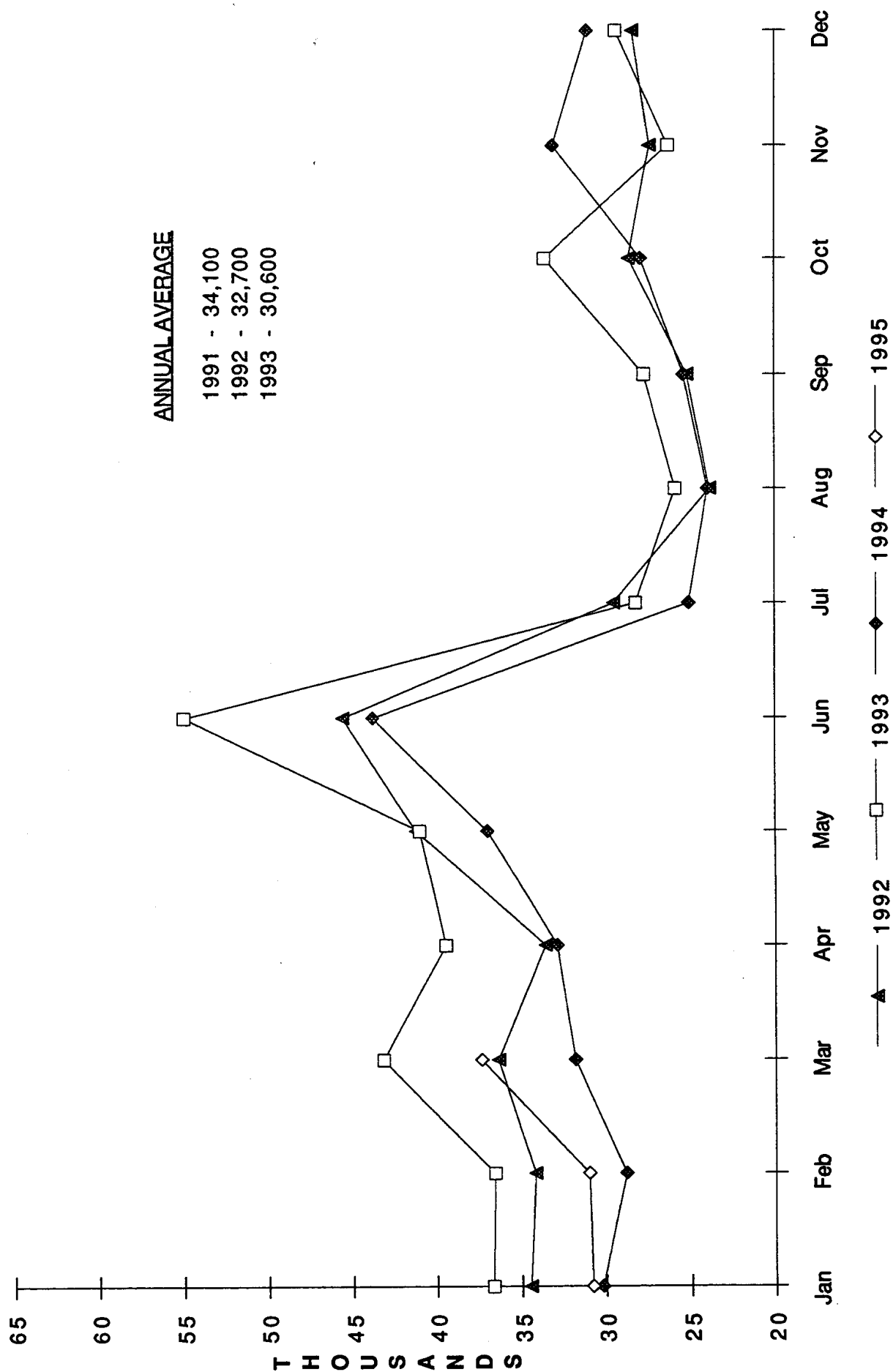


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	37.4	31.0	34.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	17.0	14.7	15.0
FIELD CROPS	1.8	1.7	1.7
VEGETABLES AND MELONS	4.1	4.6	2.0
TOTAL FRUITS AND TREE NUTS	6.6	4.0	6.6
GRAPES	4.3	1.9	4.7
CITRUS FRUITS	0.9	1.0	0.9
OTHER FRUITS AND NUTS	1.4	1.1	1.0
HORTICULTURAL SPECIALTIES	1.0	1.1	0.8
GENERAL FARM PRIMARILY CROP	3.5	3.3	3.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	5.0	5.3
DAIRY FARMS	1.0	1.0	2.6
CHICKEN EGGS	0.7	0.7	1.2
OTHER LIVESTOCK	3.3	3.3	1.5
TOTAL AGRICULTURAL SERVICES	15.4	11.3	13.8
CROP SERVICES	6.8	6.4	6.1
PLANT CULTIVATE & PROTECTION	0.8	0.7	0.7
HARVEST PRIMARILY BY MACHINE	1.2	1.3	1.6
PREPARATION SVCS FOR MARKET	4.8	4.4	3.8
TOTAL FARM LABOR & MANAGEMENT	8.6	4.9	7.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	34.6	28.1	32.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	15.6	13.4	14.2
FIELD CROPS	1.6	1.5	1.6
VEGETABLES AND MELONS	3.6	4.2	1.8
TOTAL FRUITS AND TREE NUTS	6.3	3.8	6.4
GRAPES	4.2	1.9	4.6
CITRUS FRUITS	0.9	0.9	0.9
OTHER FRUITS AND NUTS	1.2	1.0	0.9
HORTICULTURAL SPECIALTIES	0.9	0.9	0.7
GENERAL FARM PRIMARILY CROP	3.2	3.0	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.4	4.3	4.7
DAIRY FARMS	0.9	0.9	2.5
CHICKEN EGGS	0.5	0.5	0.9
OTHER LIVESTOCK	3.0	2.9	1.3
TOTAL AGRICULTURAL SERVICES	14.6	10.4	13.3
CROP SERVICES	6.1	5.7	5.7
PLANT CULTIVATE & PROTECTION	0.6	0.5	0.6
HARVEST PRIMARILY BY MACHINE	1.1	1.2	1.5
PREPARATION SVCS FOR MARKET	4.4	4.0	3.6
TOTAL FARM LABOR & MANAGEMENT	8.5	4.7	7.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	254.02	263.74	252.46
TOTAL AGRICULTURAL PRODUCTION/CROPS	235.12	259.60	215.59
FIELD CROPS	295.65	295.68	299.70
VEGETABLES AND MELONS	230.08	261.59	229.41
TOTAL FRUITS AND TREE NUTS	221.48	252.86	184.97
GRAPES	197.35	245.14	155.49
CITRUS FRUITS	295.38	278.24	273.04
OTHER FRUITS AND NUTS	253.53	245.00	256.24
HORTICULTURAL SPECIALTIES	313.32	332.25	325.98
GENERAL FARM PRIMARILY CROP	214.89	224.46	204.61
TOTAL AGRIC PRODUCTION/LIVESTOCK	386.77	382.54	394.58
DAIRY FARMS	479.61	480.68	439.90
CHICKEN EGGS	298.94	305.35	310.31
OTHER LIVESTOCK	371.70	363.20	364.48
TOTAL AGRICULTURAL SERVICES	234.21	219.07	240.40
CROP SERVICES	249.72	231.04	244.86
PLANT CULTIVATE & PROTECTION	316.23	318.06	283.93
HARVEST PRIMARILY BY MACHINE	148.92	171.69	160.68
PREPARATION SVCS FOR MARKET	267.15	238.46	274.21
TOTAL FARM LABOR & MANAGEMENT	223.10	205.77	237.19

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	39.2	38.9	38.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	37.8	40.0	35.4
FIELD CROPS	43.8	44.0	44.4
VEGETABLES AND MELONS	38.8	38.3	42.8
TOTAL FRUITS AND TREE NUTS	35.1	40.2	29.5
GRAPES	32.3	41.2	25.7
CITRUS FRUITS	42.5	39.3	39.4
OTHER FRUITS AND NUTS	39.8	39.2	40.1
HORTICULTURAL SPECIALTIES	42.0	44.3	41.9
GENERAL FARM PRIMARILY CROP	37.7	38.7	36.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.5	50.6	49.2
DAIRY FARMS	49.7	49.2	47.2
CHICKEN EGGS	45.5	48.7	49.1
OTHER LIVESTOCK	53.1	51.3	52.9
TOTAL AGRICULTURAL SERVICES	37.0	32.6	38.9
CROP SERVICES	38.3	36.1	38.2
PLANT CULTIVATE & PROTECTION	46.3	46.5	47.4
HARVEST PRIMARILY BY MACHINE	25.5	29.5	26.0
PREPARATION SVCS FOR MARKET	40.6	36.8	41.8
TOTAL FARM LABOR & MANAGEMENT	36.1	28.5	39.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	6.48	6.78	6.49
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.22	6.49	6.09
FIELD CROPS	6.75	6.72	6.75
VEGETABLES AND MELONS	5.93	6.83	5.36
TOTAL FRUITS AND TREE NUTS	6.31	6.29	6.27
GRAPES	6.11	5.95	6.05
CITRUS FRUITS	6.95	7.08	6.93
OTHER FRUITS AND NUTS	6.37	6.25	6.39
HORTICULTURAL SPECIALTIES	7.46	7.50	7.78
GENERAL FARM PRIMARILY CROP	5.70	5.80	5.56
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.51	7.56	8.02
DAIRY FARMS	9.65	9.77	9.32
CHICKEN EGGS	6.57	6.27	6.32
OTHER LIVESTOCK	7.00	7.08	6.89
TOTAL AGRICULTURAL SERVICES	6.33	6.72	6.18
CROP SERVICES	6.52	6.40	6.41
PLANT CULTIVATE & PROTECTION	6.83	6.84	5.99
HARVEST PRIMARILY BY MACHINE	5.84	5.82	6.18
PREPARATION SVCS FOR MARKET	6.58	6.48	6.56
TOTAL FARM LABOR & MANAGEMENT	6.18	7.22	6.02

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment

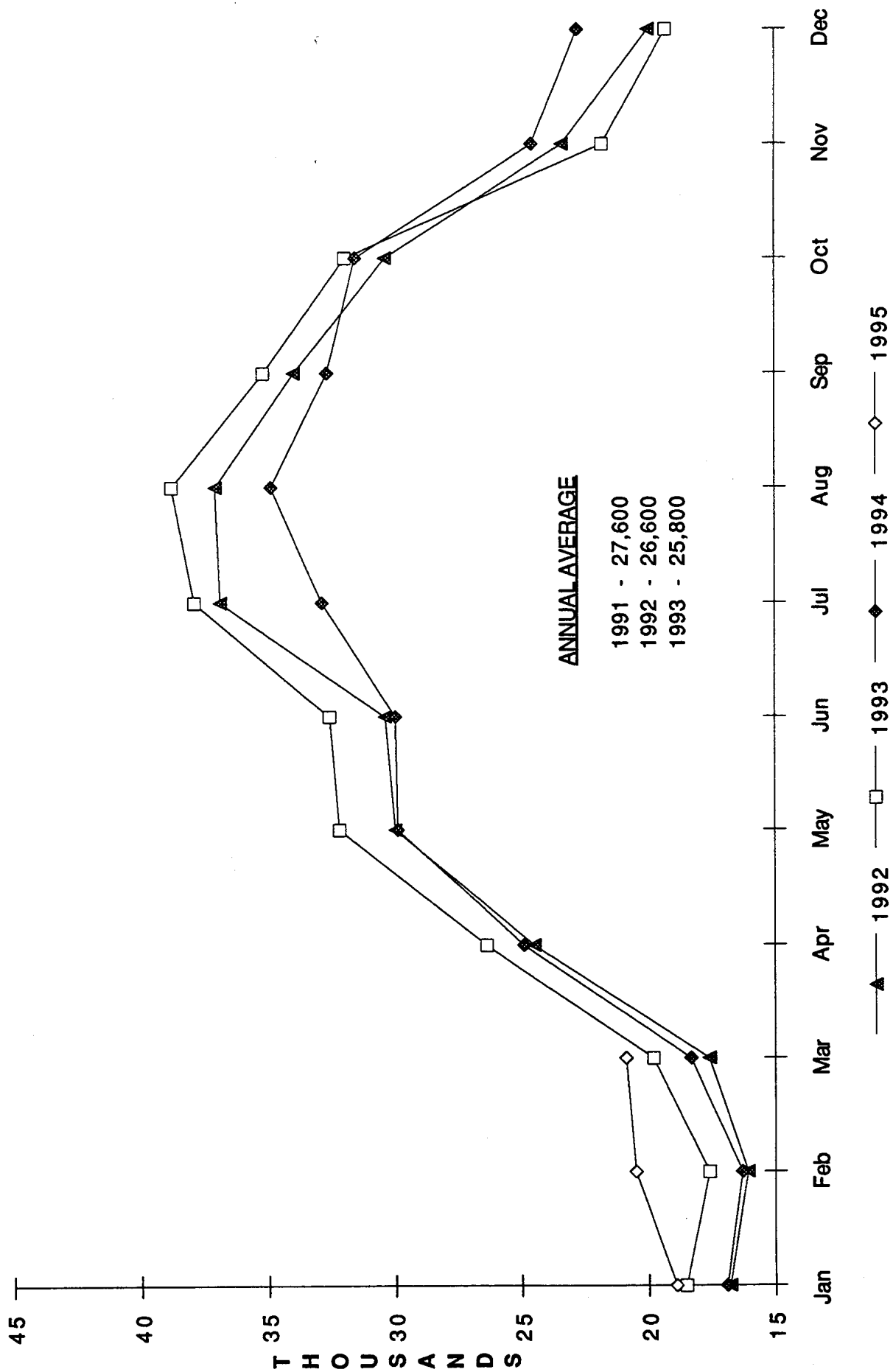


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	20.9	20.5	18.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.4	13.8	13.2
RICE	1.3	1.2	0.9
VEGETABLES AND MELONS	1.4	1.2	1.0
TOTAL FRUIT AND TREE NUTS	6.3	6.7	6.1
TREE NUTS	2.0	2.1	1.9
DECIDUOUS TREE FRUIT	2.7	3.0	2.9
OTHER FRUITS AND NUTS	1.6	1.6	1.3
HORTICULTURAL SPECIALTIES	1.0	1.1	1.0
GENERAL FARM PRIMARILY CROP	4.4	3.6	4.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.6	1.5
TOTAL AGRICULTURAL SERVICES	4.8	5.1	4.0
CROP SERVICES	2.1	2.1	1.6
HARVEST PRIMARILY BY MACHINE	0.8	0.8	0.6
PREPARATION SVCS FOR MARKET	1.3	1.3	1.0
TOTAL FARM LABOR & MANAGEMENT	2.7	3.0	2.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	18.3	17.6	16.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.6	11.9	11.7
RICE	1.0	0.9	0.7
VEGETABLES AND MELONS	1.3	1.1	0.9
TOTAL FRUIT AND TREE NUTS	5.7	6.1	5.6
TREE NUTS	1.8	1.9	1.7
DECIDUOUS TREE FRUIT	2.4	2.7	2.7
OTHER FRUITS AND NUTS	1.5	1.5	1.2
HORTICULTURAL SPECIALTIES	0.8	0.9	0.8
GENERAL FARM PRIMARILY CROP	3.8	2.9	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.4	1.3
TOTAL AGRICULTURAL SERVICES	4.2	4.3	3.5
CROP SERVICES	1.6	1.5	1.2
HARVEST PRIMARILY BY MACHINE	0.5	0.5	0.4
PREPARATION SVCS FOR MARKET	1.1	1.0	0.8
TOTAL FARM LABOR & MANAGEMENT	2.6	2.8	2.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	281.18	298.16	282.92
TOTAL AGRICULTURAL PRODUCTION/CROPS	279.40	296.80	288.56
RICE	339.80	354.96	334.15
VEGETABLES AND MELONS	406.56	424.94	401.08
TOTAL FRUIT AND TREE NUTS	235.50	259.99	242.98
TREE NUTS	281.80	306.20	280.99
DECIDUOUS TREE FRUIT	225.92	241.67	241.11
OTHER FRUITS AND NUTS	194.63	232.46	193.71
HORTICULTURAL SPECIALTIES	340.73	366.23	296.10
GENERAL FARM PRIMARILY CRDP	274.00	287.87	318.32
TOTAL AGRIC PRODUCTION/LIVESTOCK	298.14	306.71	290.09
TOTAL AGRICULTURAL SERVICES	279.49	298.07	262.70
CROP SERVICES	286.04	297.21	316.61
HARVEST PRIMARILY BY MACHINE	231.80	254.07	322.39
PREPARATION SVCS FOR MARKET	311.17	316.43	314.06
TOTAL FARM LABOR & MANAGEMENT	275.88	298.15	234.64

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	40.4	42.9	44.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.8	42.4	44.6
RICE	40.5	40.8	41.0
VEGETABLES AND MELONS	48.4	48.9	54.2
TOTAL FRUIT AND TREE NUTS	37.5	41.4	40.7
TREE NUTS	44.1	47.4	43.7
DECIDUOUS TREE FRUIT	35.3	38.3	42.3
OTHER FRUITS AND NUTS	33.1	39.2	33.0
HORTICULTURAL SPECIALTIES	41.3	46.3	42.0
GENERAL FARM PRIMARILY CROP	40.0	41.6	49.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.1	48.3	45.9
TOTAL AGRICULTURAL SERVICES	39.7	42.4	41.5
CROP SERVICES	37.1	38.3	40.8
HARVEST PRIMARILY BY MACHINE	27.4	30.5	40.4
PREPARATION SVCS FOR MARKET	41.6	41.8	41.0
TOTAL FARM LABOR & MANAGEMENT	41.3	44.5	41.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	6.96	6.95	6.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.02	7.00	6.47
RICE	8.39	8.70	8.15
VEGETABLES AND MELONS	8.40	8.69	7.40
TOTAL FRUIT AND TREE NUTS	6.28	6.28	5.97
TREE NUTS	6.39	6.46	6.43
DECIDUOUS TREE FRUIT	6.40	6.31	5.70
OTHER FRUITS AND NUTS	5.88	5.93	5.87
HORTICULTURAL SPECIALTIES	8.25	7.91	7.05
GENERAL FARM PRIMARILY CROP	6.85	6.92	6.47
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.33	6.35	6.32
TOTAL AGRICULTURAL SERVICES	7.04	7.03	6.33
CROP SERVICES	7.71	7.76	7.76
HARVEST PRIMARILY BY MACHINE	8.46	8.33	7.98
PREPARATION SVCS FOR MARKET	7.48	7.57	7.66
TOTAL FARM LABOR & MANAGEMENT	6.68	6.70	5.60

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# NORTH COAST

## Wage and Salary Employment

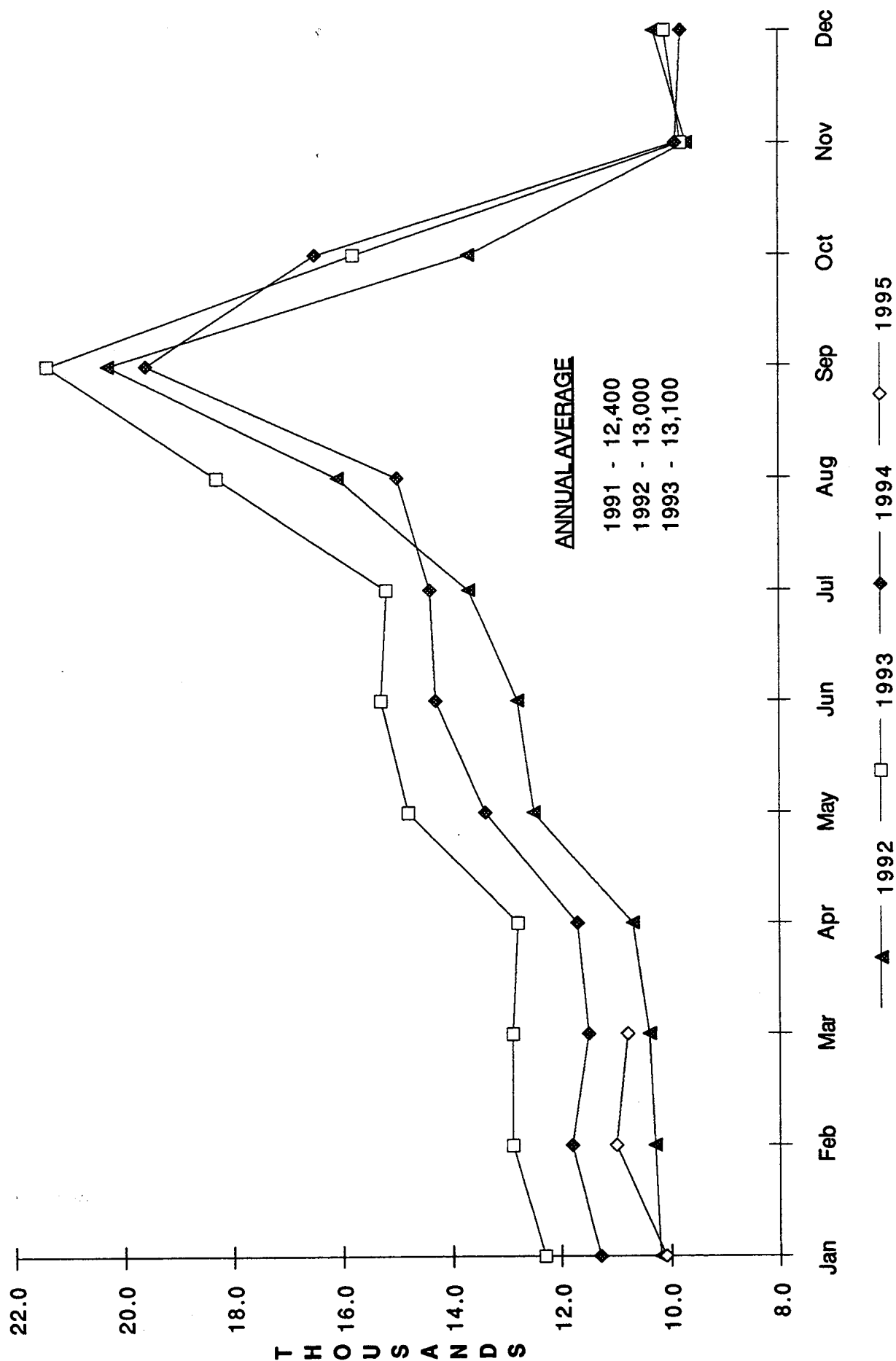


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	10.8	11.0	11.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.6	7.7	8.3
TOTAL FRUITS AND TREE NUTS	5.8	5.9	6.3
GRAPES	4.7	4.8	5.3
OTHER FRUITS AND NUTS	1.1	1.1	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.2	1.4
GENERAL FARM PRIMARILY CROP (2)	0.6	0.6	0.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	1.8
TOTAL AGRICULTURAL SERVICES	1.3	1.4	1.4

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.  
(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	8.7	8.9	9.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.0	6.1	6.5
TOTAL FRUITS AND TREE NUTS	4.5	4.5	4.7
GRAPES	3.5	3.5	3.9
OTHER FRUITS AND NUTS	1.0	1.0	0.8
TOTAL HORTICULTURAL SPECIALTIES	0.9	1.0	1.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.6	1.5
TOTAL AGRICULTURAL SERVICES	1.1	1.2	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	279.17	306.07	331.70
TOTAL AGRICULTURAL PRODUCTION/CROPS	269.35	295.65	321.93
TOTAL FRUITS AND TREE NUTS	270.11	300.03	333.32
GRAPES	292.15	330.00	347.63
OTHER FRUITS AND NUTS	194.03	193.70	266.04
TOTAL HORTICULTURAL SPECIALTIES	277.20	294.50	279.84
TOTAL AGRIC PRODUCTION/LIVESTOCK	317.08	330.12	311.81
TOTAL AGRICULTURAL SERVICES	279.14	325.85	422.18

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	39.1	42.1	45.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.7	41.7	44.9
TOTAL FRUITS AND TREE NUTS	36.8	40.6	43.8
GRAPES	37.6	42.2	43.4
OTHER FRUITS AND NUTS	34.1	34.9	45.4
TOTAL HORTICULTURAL SPECIALTIES	45.0	43.5	45.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.1	46.3	44.8
TOTAL AGRICULTURAL SERVICES	34.0	38.7	50.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1995	FEB 1995	MAR 1994
TOTAL AGRICULTURAL	7.14	7.27	7.29
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.96	7.09	7.17
TOTAL FRUITS AND TREE NUTS	7.34	7.39	7.61
GRAPES	7.77	7.82	8.01
OTHER FRUITS AND NUTS	5.69	5.55	5.86
TOTAL HORTICULTURAL SPECIALTIES	6.16	6.77	6.11
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.19	7.13	6.96
TOTAL AGRICULTURAL SERVICES	8.21	8.42	8.36

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.